



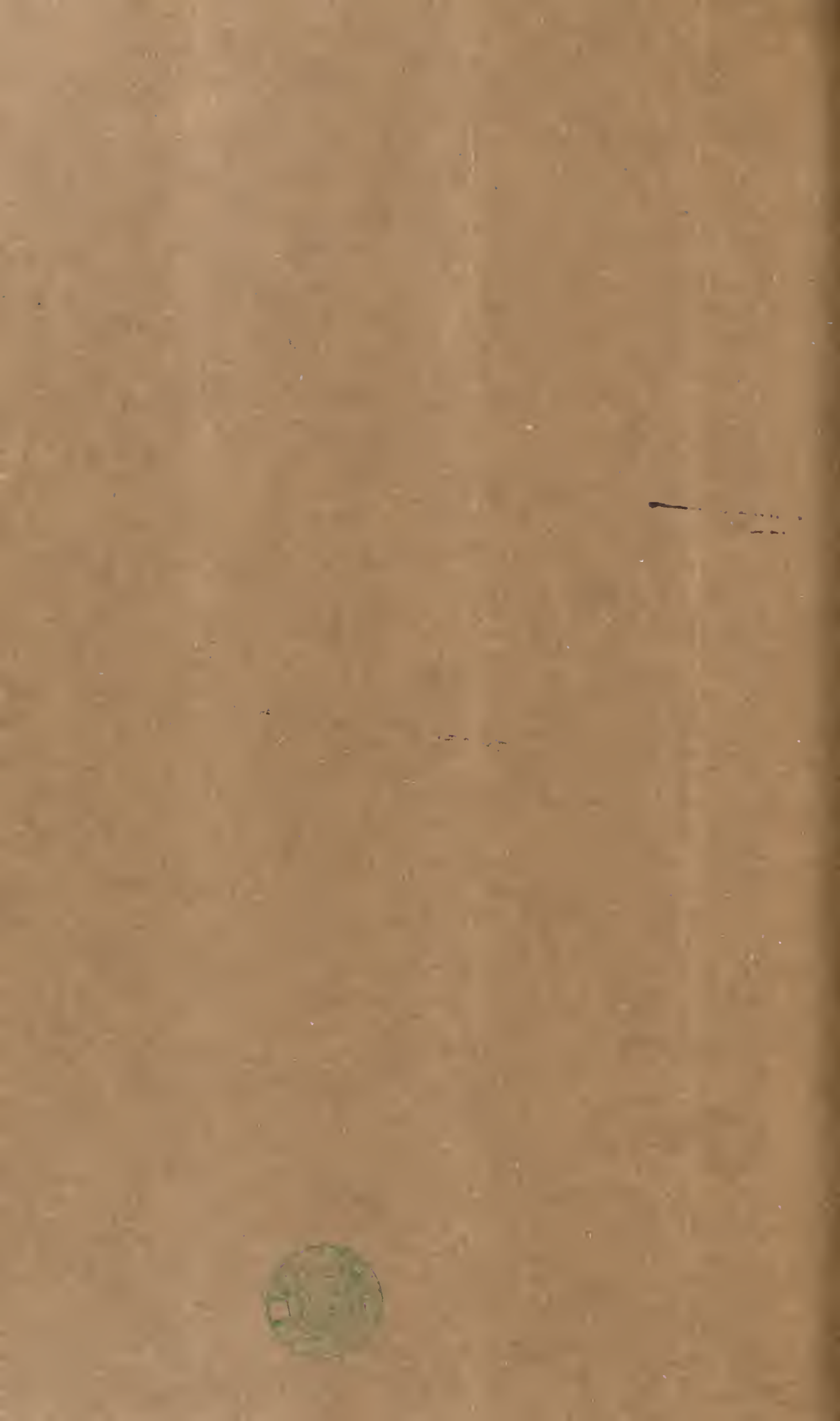
BOROUGH OF JARROW.

Annual Report
OF THE
HEALTH DEPARTMENT
FOR 1923.

A. K. TOWERS, M.D., L.R.C.S., D.P.H.,
MEDICAL OFFICER OF HEALTH.

JARROW :
SMITH BROS. (Hebburn & Jarrow), Ltd., Walter Street.

1924.





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Health Department,
 Town Hall,
 Jarrow,
 May, 1924.

To the Chairman and Gentlemen of the Health Committee.

GENTLEMEN,

I beg to present the Annual Report of the health of the Borough for the year 1923.

The report follows the lines indicated by the Ministry of Health in Circular 451 and is therefore short, as the full survey report is not yet due.

For the Borough of Jarrow as for the Country as a whole the year 1923 was a healthy period. For instance, locally, the infantile mortality—perhaps the most sensitive index of the health of a community—was 80.9 per 1,000 births as compared with 86.87 in 1922, and 116.9 in 1921. The death rate, 13.3 per 1,000 of population, was likewise satisfactorily low.

The birth rate was 27.8 per 1,000 of population.

There were no severe epidemics throughout the year.

My thanks are due to the Chairman (His Worship the Mayor, Councillor A. Pattie) and the Vice-Chairman (Alderman J. D. Rose) for their valuable, consistent and ready help, and to all members of my staff for their loyal co-operation at all times.

I remain,

Gentlemen,

Your obedient servant,

A. K. TOWERS.

ANNUAL REPORT.

SECTION (A).

1.—General Statistics.

- (1) Area (acres)—783 acres (land and inland water).
- (2) Population—Registrar-General's estimate for 1923—36,750.
- (3) Number of inhabited houses (1921)—6,997.
- (4) Number of families or separate occupiers (1921)—7,591.
- (5) Rateable value—£145,499 10s. 0d.
- (6) Sum represented by a penny rate—
 - (a) General District Rate £519.
 - (b) Borough Rate £531.

2. EXTRACTS FROM VITAL STATISTICS FOR 1923.

	Total.	Male.	Female.
(1) Births—Legitimate	991	517	474
Illegitimate	34	17	17
Birth Rate (R.G.) 27·8 per 1,000 of population.			

	Total.	Male.	Female.
(2) Deaths	490	286	204
Death Rate (R.G.) 13·3 per 1,000 of population.			

- (3) Number of women dying in, or in consequence of, childbirth :—
 - (a) From sepsis 0
 - (b) From other causes 1

- (4) Deaths of Infants under one year, per 1,000 births :—
 - (a) Legitimate 79·7
 - (b) Illegitimate 117·6
 - (c) Total 80·9

- (5) Deaths from Measles (all ages) 6
- Deaths from Whooping Cough (all ages) 22
- Deaths from Diarrhoea (under 2 years of age) 9

- (6) Any unusual or excessive mortality during the year which has received or required comment :—
 - (a) The Respiratory Diseases including Whooping Cough and Pulmonary Tuberculosis.
 - (b) Non-pulmonary Tuberculosis.
 - (c) Cancer.

3. NOTIFIABLE DISEASES DURING THE YEAR.

A.

Disease.	Total Cases Notified	Cases Admitted to Isolation Hospital	Total Deaths.
Small Pox	nil	nil	nil
Diphtheria	23	26	2
Scarlet Fever	139	133	1
Enteric Fever (including Paratyphoid)	1 N.B.	1	nil
Puerperal Fever	nil	nil	nil
Pneumonia	146	3	62
Other Diseases generally noti- fiable :—			
Plague, Cholera, Typhus,) Malaria, Poliomylitis,) Encephalitis Lethargica,) Cerebro-spinal Meningitis)	nil	nil	nil
Ophthalmia Neonatorum	1	nil	nil
Erysipelas	14	nil	2
Tuberculosis—			
(a) Pulmonary Male	67	nil	21
Female	44	nil	20
(b) Non Pulmonary Male	38	nil	12
Female	25	nil	9
Other Diseases notifiable locally			
Chicken Pox	58	nil	nil

N.B.—This case, a woman aged 28 years, gave a positive Widal reaction. After being in hospital a short time she was found to be suffering from cancer of the colon for which condition she was removed to the Royal Infirmary, Newcastle.

B.

Attack rates per 1,000 persons under 15 years not known to have had a previous attack of the disease in question according as they are housed under different conditions :—

(a) Cases in which the patient was removed to the Primrose Hill Hospital.

Persons per Room.	Scarlet Fever.	Diphtheria.
Less than 1 per room	0.5	0.2
1—2 per room	3.8	0.5
More than 2 per room	4.9	0.8

(b) Cases in which the patient was not removed to the Primrose Hill Hospital.

The details, relating to only six patients, are too few to be of any value.

Diseases.	Cases notified by age groups.													Deaths by age groups.												
	All ages	Under 1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	Over 65	All ages	Under 1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	Over 65
Small Pox .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria	26	...	...	1	3	2	10	5	2	...	...	...	...	2	...	...	...	2	...	...	...	...	...	...	...	...
Scarlet Fever	139	1	1	3	11	15	71	24	10	5	1	...	...	2	1	...	1	...	...	...	...	...	...	...	...	...
Enteric Fever (including Paratyphoid)	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pneumonia	146	28	27	18	5	7	14	3	7	10	13	9	5	62	13	16	4	2	2	4	...	1	1	2	7	10
Other Diseases generally notifi- able :—																										
(a) Erysipelas	14	3	...	...	...	...	1	2	2	1	4	1	...	2	2	...	...	...	...	...	...	...	...	...	...	...
(b) Ophthalmia Neonatorum ..	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(c) Cerebro-spinal Meningitis ..	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(d) Poliomylitis .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(e) Encephalitis Leborgica .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(f) Tuberculosis—																										
(a) Pulmonary	111	..	1	2	1	...	11	8	17	29	22	19	1	41	...	...	1	2	...	1	4	5	15	8	5	...
(b) Other Forms	63	2	9	6	7	4	10	7	9	5	3	1	...	21	...	4	1	...	2	6	3	1	3	1	...	...
(g) Plague, Typhus, Cholera ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases notifiable locally																										
Chicken Pox	58	3	5	8	7	3	29	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	560	38	43	38	34	31	147	52	47	51	43	30	6	130	16	20	7	6	4	11	7	7	19	11	12	10

TUBERCULOSIS.

Age Periods.	New Cases.				Deaths.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0	1	1	10	6	—	—	—	—
1	1	1	8	4	1	—	4	2
5	6	5	7	4	—	2	5	3
10	5	2	5	3	2	2	1	1
15	10	4	2	5	4	1	1	—
20	6	7	2	1	2	5	1	2
25	11	10	3	—	2	6	—	—
35	11	9	—	2	5	3	—	1
45	12	3	—	—	4	1	—	—
55	3	2	1	—	1	—	—	—
65 and upwards	1	—	—	—	—	—	—	—
Totals.....	67	44	38	25	21	20	12	9

TUBERCULOSIS—EFFICIENCY OF NOTIFICATION.

- (1) Of a total of 62 deaths from Tuberculosis 54 cases or 87 per cent. were notified.
- (2) The notification of Tuberculosis is carried out efficiently by the general practitioners of the district.

OPHTHALMIA NEONATORUM.

Notified.	CASES		Vision Unimpaired	Vision Impaired	Total Blindness	Deaths
	Treated.					
	At Home	In Hospital				
I	I	O	I	nil.	nil.	nil.

4. CAUSES OF SICKNESS.

The main causes of invalidity and sickness in 1923 were :—

- (1) Tuberculosis—all forms.
- (2) Chills, Bronchitis and Pneumonia.
- (3) Indigestion.
- (4) Rheumatism.

5. SUMMARY (FOR REFERENCE) OF NURSING ARRANGEMENTS, HOSPITALS, AND OTHER INSTITUTIONS AVAILABLE FOR THE DISTRICT.

A. Professional Nursing in the Home.

(a) General.

The local District Nursing Association, which is independent

both of the Jarrow Corporation and of the Durham County Council, provides two nurses for general district work.

(b) For Infectious Diseases.

1. Two Health Visitors, provided by the Jarrow Corporation, devote a proportion of their time to the home nursing of infants suffering from :—

Ophthalmia Neonatorum.

Pneumonia in Infants.

Measles.

Whooping Cough. } Complicated by Pneumonia.

2. A School Nurse provided by the Jarrow Education Committee devotes a portion of her time to the supervising of "contacts" of school age.

3. Two Tuberculosis Health Visitors, provided by the Durham County Council, devote part of their time to visiting cases of Tuberculosis in the homes, but their duties are mainly advisory, not nursing.

B. Midwives.

- (a) No midwives are employed or subsidised by the Local Authority.

- (b) Number of midwives practising in district 10

C. Clinics and Treatment Centres.

Clinic, etc.	Situation.	Provided by	Nature of Accommodation.
(a) Maternity & Child Welfare	90 Ellison St., Jarrow.	Jarrow Corporation.	1. Infant Consultations. 2. Nursing Mother do. 3. Antenatal do. 4. Treatment of Minor Ailments. 5. Mothercraft Classes.
(b) Day Nurseries	none provided.		
(c) School Clinic	Town Hall, Jarrow.	Jarrow Corporation.	1. Treatment of Minor Ailments. 2. Treatment of Defective Vision by Refraction. 3. Inspection of Special Cases.
(d) Tuberculosis Clinic	Kent Street, Jarrow.	Durham County Council.	1. General Consultations. 2. Treatment of Surgical Tuberculosis.
(e) Venereal Diseases	Royal Infirmary, Newcastle.	Durham County Council.	1. Consultation. 2. Treatment.

D. Hospitals provided or subsidised by the Local Authority or by the County Council.

1. **TUBERCULOSIS.**—Cases of Tuberculosis from Jarrow are sent to sanatoria and hospitals provided by the County of Durham. During 1923, 42 cases of tuberculosis from Jarrow were sent to institutions, none of which are within the district.
2. **MATERNITY.**—Nil.
3. **CHILDREN.**—Beds are available, under the County Council's Scheme, for children suffering from surgical tuberculosis in several hospitals and sanatoria outside the district.
4. **FEVER.**—Primrose Hill Isolation Hospital, provided by the Jarrow Corporation, and situated outside the Borough in the South Shields Rural District, about one mile from Jarrow Town Hall.

(a) Staff—

The Medical Superintendent is also Medical Officer of Health, etc.
 The Matron :—Miss E. Hall—State registered Nurse : C.M.B., M.A.B. qualification.
 Sister :—Miss Newby—State registered Nurse.
 Sister :—Miss Lamb—State registered Nurse : C.M.B.
 Probationers :—Miss Battle ; Miss Brothers ; Miss Atkinson.
 A non-resident Porter-Gardener is also on the staff.
 The Domestic Staff consists of a Cook and a non-resident Laundress, two Wardmaids and a Housemaid.

(b) Accommodation—

(1) Actually Available—

13 beds throughout the year.
 21 beds in dry summer time.

This is due to the fact that an additional 8 beds in the corrugated iron roofed temporary building can be used when summer weather permits, but unfortunately the usual epidemic season for such infectious diseases as are nursed at the Primrose Hill Hospital is not summer time.

(2) Required for the present population—

36 beds throughout the year.

The Council is aware of the frequent overcrowding of patients, of the constant overcrowding of staff and of the

insanitary condition of the sinks and sluices at the hospital, and is at present considering the best methods of remedying these defects.

5. **SMALL POX.**—Whiteleas Hospital, situated outside the Borough, serves a considerable combined district, of which Jarrow is a constituent authority.

Staff—

Matron, Porter, Gardener.—This is added to as required.
Beds—30.

E. Unmarried mothers, illegitimate infants and homeless children.

Cases of the above types are admitted to the Union Infirmary at Harton, South Shields.

F. Ambulance Facilities.

- (a) **FOR INFECTIOUS CASES.**—The Corporation ambulance, a horse-drawn vehicle.
(b) **FOR NON-INFECTIOUS CASES.**—Two motor ambulances provided by the local St. John Ambulance Association.

6. LABORATORY WORK.

All laboratory work is carried out by the Armstrong College, Newcastle, under the Durham County Council Scheme, the following being the results for 1923 :—

BACTERIOLOGICAL TESTS.

	Positive.	Negative.	Total.
Tuberculosis	8 ...	43 ...	51
Diphtheria	10 ...	21 ...	31
Enteric Fever	1 ...	2 ...	3
	—	—	—
Total	19 ...	66 ...	85
Grand Total			85

A stock of diphtheria antitoxin is held at the Health Office in the Town Hall for issue on request to general practitioners, 250,000 units having been issued during 1923.

7. SANITARY ADMINISTRATION.

Adequate Acts, Bye-laws and local regulations relating to public health were fully detailed in the last annual report and no further modification has since taken place.

(a) Work of Sanitary Inspectors during 1923 under Article 19 of the Sanitary Officers' Order, 1922 :

PUBLIC HEALTH ACTS			Number of Informal written Notices by the Inspector	Number of Formal Notices by order of Authority.	Number of Nuisances abated after notice
Dwelling-houses and Schools					
Foul Conditions .. ..	..	..	47	..	47
Structural Defects .. ..	..	..	329	13	329
Lodging-houses .. ..	..	..	16	..	16
Dairies & Milkshops .. ..	..	..	..	..	..
Cowsheds .. ..	..	..	2	..	2
Bakehouses .. ..	..	..	..	..	..
Slaughter-houses .. ..	..	..	51	..	51
Ashpits and Privies .. ..	..	..	..	..	..
Deposits of Refuse and Manure	..	..	10	..	10
Waterclosets .. ..	..	..	1	..	1
Defective Yard Paving .. ..	..	..	..	..	..
House Drainage—					
Defective Traps .. ..	..	..	9	..	9
Other Faults .. ..	..	..	48	3	48
Water Supply .. ..	..	..	20	3	20
Pigsties .. ..	..	..	..	..	..
Animals improperly kept .. ..	..	..	1	..	1
Offensive Trades .. ..	..	..	2	..	2
Smoke Nuisances .. ..	..	..	5	1	5
Other Nuisances					
Box-closets .. ..	..	..	146	6	146
Lack of Ventilation .. ..	..	..	28	..	28
Fumes from Gas Stove .. ..	..	..	2	..	2
TOTALS .. ..	..	..	717	26	717

INCREASE OF RENT AND MORTGAGE INTEREST (RESTRICTIONS) ACT, 1920.

An application for a Certificate under Section 2, Sub Section 2 of the Increase of Rent and Mortgage Interest (Restrictions) Act, 1920, was granted by the Town Council.

SANITARY ACCOMMODATION.

Number of ash closets converted into water closets in 1923 ... 12
 Total number of ash closets in the Borough in 1923 5864
 Total number of water closets in the Borough in 1923 1091

Inspection of places where food is prepared.

During 1923 there were 24 seizures of unwholesome food as follows :

Fresh Beef	3046 lbs.
Frozen Beef	407 lbs.
Complete Sets of Offal	6
Sets of Lung	8
Livers	8
Hearts	1

There were two convictions for exposing and selling unwholesome food, the vendors being fined 40/- and costs and 6/- respectively for exposing and selling diseased meat.

Slaughter Houses.

Licensed	23
Registered.....	2

These have all been frequently inspected throughout the year and have always been found to comply with the bye-laws in force.

The 51 notices served during the year for the limewashing of the above slaughter houses were all complied with.

Arrangements for Disinfection and the extent of their use.

There has been no change in these arrangements during 1923, and they have been fully dealt with in previous reports.

The following Table indicates the use made of these arrangements :—

Lots of Infectious Bedding stoved or destroyed	615
Houses disinfected after Infectious Disease	618
Schools disinfected after Infectious Disease	Nil.
Prosecutions for exposure of infected persons or things	Nil.
Convictions for exposure of infected persons or things	Nil.

Action taken with regard to Dairies, Cowsheds and Milkshops.

Taking advantage of the Milk and Dairies (Amendment) Act, 1922, all retailers of milk in the Borough were circularised as follows :—

Health Department,
Town Hall,
Jarrow,
4th May, 1923.

DAIRIES, COW-SHEDS & MILKSHOPS ORDERS OF 1885 & 1886; AND
MILK AND DAIRIES (AMENDMENT) ACT, 1922.

Dear Sir,—We beg to draw your attention to the Public Notice advertised in the Borough with respect to the above, and for your information and necessary action we append a copy of the same,

together with a form of Application to be registered as a Cowkeeper, Dairyman, or Turveyor of Milk.

The latter should be filled in by you **and returned to this office at your earliest convenience.**

We also enclose you a leaflet about Graded Milk and we shall be glad to give you any further information respecting such graded milk at any time.

Yours faithfully,

A. K. TOWERS,

Medical Officer of Health.

J. S. CALLIS,

Sanitary Inspector.

Of the 115 applications for registration in reply to the above circular, the premises relating to 110 were found satisfactory and were therefore registered.

Though no graded milk was sold in the Borough during 1923, Grade A. Tuberculin tested milk will be available early in 1924.

Action under the Sale of Food & Drugs Acts and Milk & Cream Regulations.

During 1923 the following 72 samples were taken :—

	No. examined.	No. Genuine.	No. Adulterated.
New Milk	57	50	7*
Condensed Milk ...	3	2	1*
Butter	4	3	1*
Lard	4	4	0
Vinegar	3	2	1†
Nutmeg	1	1	0
	—	—	—
Total	72	62	10

* Cautioned.

† Vendor proceeded against and the case was dismissed.

Shops Acts, 1912-21 (and The Expiring Laws Continuance Acts).

During the year arrangements were made for the co-operation of the Police in enforcing the provisions of the above Acts and Orders. Proceedings were taken under the above Acts against two shopkeepers for unauthorised sales, and a fine of 6 - was imposed in each case.

Factory and Workshops Act.

The factories and workshops in the district were inspected.

Three notices were received from H.M. Inspector of Factories regarding workshops in the Borough. Copy of the notice was for-

warded to the occupier and in every instance the works specified on the notices received attention.

Foot and Mouth Disease.

Serious outbreaks of Foot and Mouth Disease occurred in the locality. The Ministry of Agriculture and Fisheries scheduled the Borough.

In connection with the outbreak, over 600 licences were granted for the movement of the following animals into the Borough:—

Pigs	539
Sheep	276
Sheep	80

8. PUBLIC HEALTH STAFF.

Office.	Name of Officer, Whole or Part Diplomas, etc.	Time.	Salary Contribution under Public Health Acts or by Exchequer Grants.
Medical Officer of Health	A. K. Towers, M.D.,	Whole Time.	Under both.
School Medical Officer	L.R.C.S.,		
Medical Superintendent of Isolation Hospital	B.P.H.		
Medical Officer to Maternity and Child Welfare Scheme ...			
Chief Sanitary Inspector	J. S. Callis, A.R.S.I.	Whole Time.	Public Health Acts.
Chief Housing Inspector			
Asst. Sanitary Inspector	R. C. Thompson	Whole Time.	No.
Asst. Housing Inspector	Cert. R.S.I., Cert. Meat Inspector.		
Health Nurse	Mrs. Morris, Fully trained Nurse, C.M.B.	Whole Time.	Exchequer Grants.
Health Nurse	Mrs. D. Baty, Fully trained Nurse, C.M.B.	Whole Time.	Do.
School Nurse	Miss M. Besford, Fully trained Nurse, C.M.B.	Whole Time.	Do.
Clerk	Miss B. Cooper.	Whole Time.	No.
Clerk (School and Maternity)	Miss I. Besford.	Whole Time.	Exchequer Grants.

9. HOUSING.

Number of houses erected during the year:

(a) In the Borough	18
Under Housing Scheme	18
Total	36

(b) With State assistance under the Housing Acts, 1919 to 1923:

(i.) By the Local Authority	18
(ii.) By other bodies or persons	Nil.

1.—Unfit Dwelling Houses.

Inspection—(1) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	500
(2) Number of dwelling-houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910	171
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	25
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation	475

2.—Remedy of defects without service of Formal Notice.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	378
---	-----

3.—Action under Statutory Powers.

A.—Proceedings under section 28 of the Housing, Town Planning, etc., Act, 1919.

(1) Number of dwelling-houses in respect of which notices were served requiring repairs	140
(2) Number of dwelling-houses which were rendered fit:—	
(a) by owners	144
(b) by Local Authority in default of owners	2

(3) Number of dwelling-houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close	Nil.
--	------

B.—Proceedings under the Public Health Acts.

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	329
(2) Number of dwelling-houses in which defects were remedied :—	
(a) by owners	329
(b) by Local Authority in default of owners	Nil.

C.—Proceedings under sections 17 and 18 of the Housing, Town Planning, etc., Act, 1909.

(1) Number of representations made with a view to the making of Closing Orders	25
(2) Number of dwelling-houses in respect of which Closing Orders were made	Nil.
(3) Number of dwelling-houses in respect of which Closing Orders were determined, the dwelling-houses having been rendered fit ...	Nil.
(4) Number of dwelling-houses in respect of which Demolition Orders were made	Nil.
(5) Number of dwelling-houses demolished in pursuance of Demolition Orders	Nil.

SECTION B.

A statement of any noteworthy conditions prejudicial to the health of the area.

i. Overcrowding, Housing, etc.

These have been referred to in previous reports and it now seems opportune to set out in tabular form certain facts relating to overcrowding, housing and the like as found in the Registrar General's Report (1923).

Table 1.—Acreage, Population, Private families and Dwellings.

	Area in Statute Acres (Land and Inland Water).	Total Population 1921.			Persons per Acre.	Private Families and Dwellings					
		Persons.	Males.	Females.		Private Families.	Popula- tion in Private Families	Struc- turally Separate Dwell- ings occupied.	Rooms occupied	Rooms per person.	Persons per Room
JAKROW ...	783	35,576	17,849	17,727	45.4	7,591	34,932	6,997	23,107	0.66	1.47
Wards:											
Central ...	36	5,625	2,930	2,696	156.3	1,141	5,373	1,076	2,898	0.54	1.8
East ...	136	5,109	2,608	2,501	37.6	1,078	4,970	943	2,312	0.47	2.15
Grange ...	128	5,438	2,539	2,899	42.5	1,287	5,389	1,243	5,841	1.08	0.9
North ...	43	4,799	2,418	2,381	111.6	1,021	4,781	884	2,259	0.47	2.11
South ...	315	8,296	4,116	4,180	26.3	1,773	8,293	1,656	6,048	0.73	1.37
West ...	125	6,308	3,238	3,070	50.5	1,291	6,126	1,195	3,749	0.61	1.6

These figures indicate amongst other things :—

1. Overcrowding of persons per acre in the Central and North Wards.
2. At the maximum standard of 20 houses per acre there is too great a density of houses in the Central and North Wards.
3. There is gross overcrowding of persons per room in the East and North Wards.

Of the 14,772 persons living in overcrowded conditions almost 8,000 occupied two room dwellings. Some 3,460 persons, occupants of 3 room dwellings, were living in overcrowded conditions as were also 2,400 persons who occupied one room dwellings.

This was the condition in 1921 and there is much reason to believe that no improvement has been made since that year.

ii. Unemployment.

The extent of this can best be judged from the following statement which appeared in a daily paper dated 10th September, 1923 :—

AN UNHAPPY RECORD.—Jarrow is reported to have more unemployed people on relief than any town in England. Of the total population of 36,000 about 6,000 are drawing the dole, another 23,000 are receiving Poor Law relief. There is practically no work in the town, chiefly owing to the boiler-makers' dispute.

As stated already the health of the Borough has been uniformly good throughout 1923 in spite of the above. Nevertheless there has been much distress and it has been of such a nature that it has required only the physically "lowering" effects of a cold winter to demonstrate, in the form of a pneumonia epidemic, how low the general vitality locally has become.

iii. Measures Recommended but not so far carried out.

Such measures in so far as they relate to this Borough, mainly apply to those already recommended for converting to the water carriage system the present ash closets numbering 5,864. The scheme, which was based on the Unemployment Grants Committee providing 65 per cent. of the annual payments of interest and redemption of the Loan required for a period of 15 years, made it possible to carry out the complete conversion of ash closets within 3 years.

It is highly probable whether assistance in the way of grants be forthcoming or not, a conversion scheme will be proceeded with in the not very distant future.

SECTION C.

Any noteworthy occurrence affecting the Public Health during the year which concerns the Sanitary Authority.

Operation of new Public Health Legislation.

1. Bye-laws relating to such offensive trades as fried fish shops and rag and bone dealers.— A representation concerning these was made during the year and permission to make bye-laws under Section 112 has now been granted. They will probably be in operation in the Borough during the coming year.
2. Milk (Special Designations) Order, 1923.— No application for dealer's licence to sell graded milk was received during the latter six months of the year 1923. All milk dealers however were circularised with respect to graded milk and a new register of such dealers has been made during the year.

SECTION D.

Statement of any special action taken during the year in the Borough to arouse public interest in the prevention of ill health.

The year 1923 was marked by what was generally agreed to be the best and widest appeal to the public ever made respecting the prevention of ill health, or rather the maintenance of good health. A committee was formed representing all the public organisations of the town and from this powers were given to a very active sub-committee consisting especially of the Chairman of the Health Committee (Coun. Pattie) and the Vice-Chairman of the said Committee (Ald. Rose). This sub-committee succeeded in formulating a very full programme of demonstrations and lectures throughout the fourth week in October, and with the aid of all members of the dental profession in the town, and particularly Mr. W. Crowthers, they also arranged **the** most successful item of the Health Week.

This consisted of an appeal to over 1,600 townspeople in the Empire Theatre on the Sunday night beginning Health Week, the meeting being presided over by the then Sheriff of Newcastle. A very able and practical address was given by Dr. Butterfield, of Newcastle, on "The Care of the Teeth" and a cinematograph film illustrating in an attractive story form, the relation of food to this subject and to health generally was shown and very much appreciated.

Mention must be also made of the pithy "Healthograms" shown on the screen during that evening's proceedings, many of which were productive of individual, practical, results.

Details of all the week's proceedings cannot here be given and hence the programme of lectures is set out below : —

BOROUGH OF JARROW.
HEALTH WEEK.

Be Healthy. Keep Healthy.

PROGRAMME OF MEETINGS.

Sunday, October 21st.

MASS MEETING in Empire Theatre at 8 p.m. See large bills.

Monday, Oct. 22nd.

Durham County Welfare Exhibition—open all day—in County Court Room, entrance Wylam Street. Admission Free.

At 7-15 p.m. in St. John Ambulance Hall—Address on "Clean Foods" by Rev. H. Watson.

At 7-30 p.m. in County Court Room, under the auspices of the Co-operative Women's Guild, Address on "Public Health" by Dr. Towers, Medical Officer of Health.
 Admission free. All welcome.

Tuesday, Oct. 23rd.

Durham County Welfare Exhibition—open all day—in County Court Room, entrance Wylam Street. Admission Free.

At 7-30 p.m. in Congregational Hall, under the auspices of Jarrow Brotherhood, Address by Dr. Boleyn, County Tuberculosis Officer, subject: "Tuberculosis in Jarrow—its past, its present and its future."
 Admission Free. All cordially invited.

Wednesday, Oct. 24th.

Durham County Welfare Exhibition—open all day—in County Court Room, entrance Wylam Street. Admission Free.

At 3 p.m. in Primitive Methodist Hall, Address on "The Welfare Movement," by Miss MacGregor, Newcastle.

At 7-30 p.m. in County Court Room, Town Hall (under the auspices of Free Church Guilds) Address on "The Maintenance of Good Health," by Alderman J. D. Rose, Vice-Chairman, Jarrow Health Committee.
 Admission Free. Open to all.

At 7-30 p.m. in St. Peter's Hall, Address by Mr. R. C. Thompson, C.R.S.I., subject, "Health Principles."

Thursday, Oct. 25th.

Gas Exhibition by South Shields Gas Co., **10 a.m. to 6 p.m.** at Christ Church Parish Institute.

At 3 p.m. in Institute, Address on "Smoke Abatement" by Dr. Towers, Medical Officer of Health.

At 7 p.m. in St. Bede's Junior School, Address on "The Welfare of the People," by Miss MacGregor.

At 8 p.m. in St. Peter's Hall, Demonstrations by Church Girls' Brigade.

Friday, Oct. 26th.

Gas Exhibition by South Shields Gas Co., **10 a.m. to 6 p.m.** in Christ Church Institute.

At 3 p.m. Cooking Demonstration indicating "How to make the Dole go further," Christ Church Institute.

At 8 p.m. in County Court Room, Town Hall—Young People's Evening, Address by Dr. Towers on "The Preservation of Good Health."

Saturday, Oct. 27th.

At 7-30 p.m. in the County Court Room, Address to Unemployed by Dr. Towers, Medical Officer of Health, subject, "Health in relation to Work and Unemployment."

Probably the most instructive and telling address of the week was that given by the Vice-Chairman of the Health Committee (Ald. Rose) on "The Maintenance of Good Health," at which were shown numerous illustrations of the effects of vitamins on nutrition and development. The two lectures given by Miss MacGregor on the development of Infant Welfare Work, and the present application of some elementary principles in the character moulding of young children were both much appreciated, the address at the St. Bede's Junior School being, with the exception of the Sunday night's meeting, the most successful in the week.

The estimated number of persons attending the demonstrations and addresses throughout the week was over 4,000, or almost an average of one from every family within the Borough.

Beside this special week of appeal to the public on health matters the Medical Officer of Health has given addresses to various sections of the St. John Ambulance Brigade and to the teaching profession, the fundamental importance of practising daily health habits being specially stressed.

The Public Vaccinator, Dr. H. Hall, has also given public addresses on Small-pox and Vaccination at which the conscientious objectors and others doubtful of the value of vaccination have asked questions the clear answers to which left no further room for dubiety.

The Medical Officer of Health, at the invitation of the League of Sister Services, addressed a gathering of Health Visitors and Midwives of Jarrow and the neighbouring County areas on "Infant deaths during the first month of life, and how to prevent them." Besides showing graphically how the proportion of first month infant deaths to the whole infantile mortality was increasing, it was noted that the majority of "first month" deaths were due to "Prematurity"; that premature birth of the infant was, in the mother, premature labour. The causes of this condition were fully dealt with and its prevention detailed, practically. Further, midwives were specially warned that deaths of premature infants were for the most part caused by Pneumonia and methods of preventing this occurrence were also fully explained.

SECTION E.

1.—Frozen Meat.—Special Reports relating to which the local Butchering Trade was circularised as follows :—

Health Department,
Town Hall,
Jarrow,
21.11/23.

FOREIGN MEAT.

Dear Sir,—For your information and consequent action, I wish to make known to you that meat from various foreign countries, purported to have been inspected abroad is reaching this country in a state of glandular infection with little or no obvious signs of disease on the membranes lining internal cavities.

I would suggest therefore that in imported carcasses you henceforward incise and examine such glands as the prepectoralis, the prescapularis and the thoracic in fore-quarters, and the precruralis, the popliteal and the lumbar in hind-quarters.

Yours faithfully,

A. K. TOWERS,

Medical Officer of Health.

P.S.—The Meat Inspectors and I will be pleased to give you any further information or help in suspicious cases.

A diagram of a carcass indicating the respective positions of the glands referred to in the above was forwarded with this letter.

2.—Pneumonia.—Its relation to :—

- (a) Unemployment,
- (b) Overcrowding.

3.—Places of Entertainment in the Borough.

SECTION F.

Maternity and Child Welfare.—Report for year ending Dec. 31st, 1923.

No. of births registered :—

(a) Legitimate	981
(b) Illegitimate	23

1,004

No. of births notified : —

(a) Live births	962
(b) Still births	42

No. of births un-notified Nil.

1. Notification of births.

By Midwives	646
By Doctors and others	358

2. Visits by Health Visitors.

(a) First Visits to Infants	988
Revisits to Infants under 1 year	1750
Revisits to Children 1—5	2769
(b) First Visits to Expectant Mothers	214
Revisits to Expectant Mothers	83
Ineffective Visits	428

3. Investigations

(a) Cases of Still Birth	46
(b) Ophthalmia	34
(c) Puerperal Fever	—
(d) Measles	—
(e) Whooping Cough	11
(f) Diarrhoea	20
(g) Poliomyelitis	—
(h) Pneumonia, etc.	27

4. Found on First Visit.

Breast Fed Children	935
Partially Breast Fed Children	7
Artificially Fed Children	16

5. Mothecraft Classes 35

Attendances During the Year.

By Health Visitors	259
By Expectant Mothers	175
By Infants	2373
By Children 1—5	952
By Nursing Mothers	1732

Consultations.

(a) Infants	1785
(b) Expectant Mothers	121

Average Weekly Attendances.

(a) Health Visitors	6
(b) Expectant Mothers	4
(c) Infants under 1 year	55
(d) Children 1—5	22
(e) Nursing Mothers	40

Average Weekly Consultations.

(a) Infants and Children	45
(b) Expectant Mothers	3
(c) Nursing Mothers	24

No. of Breast Fed Children attending the Centre	1204
No. of Artificially Fed Children attending Centre	1000
No. of Partially Breast Fed Children attending Centre	169
No. of Mothers and Infants in receipt of Dried Milk and/or Cod Liver Oil for year 1923	1905
No. of lbs. Distributed	8023
No. of Cartons of Cod Liver Oil	2060





